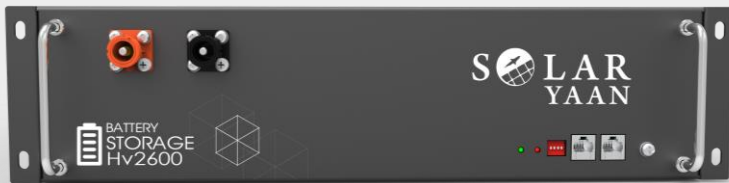


SYB Series

Introducing the SYB Series, a high-performance, scalable battery storage module designed for versatile energy needs!



- ✓ Its modular design ensures flexibility, making it ideal for various applications.
- ✓ Adding extra batteries to the series can expand its storage capacity to an impressive 20.48kWh.
- ✓ With a hassle-free plug-and-play installation, it saves valuable time for installers, offering a seamless and powerful energy storage solution.



90%
DoD



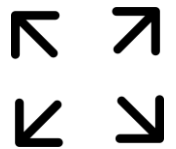
Easy
Installation



High
Efficiency



High
Voltage



Expandable
System

2.56kWh Capacity | Scalable to 20.48 kWh | 90% Depth of Discharge | Wide Temperature Tolerance | Easy Installation | CAN/RS485 Communication | High Voltage

SYB Series

Model	SYB5.2	SYB7.8	SYB10.4	SYB13	SYB15.6	SYB18.2	SYB20.8
Battery Type	LiFePO4 Prismatic Cell						
Battery Module	1*BMS BOX HV 2*HV2600	1*BMS BOX HV 3*HV2600	1*BMS BOX HV 4*HV2600	1*BMS BOX HV 5*HV2600	1*BMS BOX HV 6*HV2600	1*BMS BOX HV 7*HV2600	1*BMS BOX HV 8*HV2600
Nominal Capacity [Wh]	5120	7680	10240	12800	15360	17920	20480
Nominal Voltage [V]	102.4	153.6	204.8	256	307.2	358.4	409.6
Operating Voltage [V]	80 ~ 116.8	120 ~ 175.2	160 ~ 233.6	200 ~ 292	240 ~ 350.4	280 ~ 408.8	320 ~ 467.2
Recommend Discharge Current [A]	25						
Max.Charge/Discharge Current [A]	50						
Peak Discharge Current [A]	65 @30sec						
Battery Pack Round-Trip Efficiency [%]	>95						
Depth of discharge [%]	90						
Cycle Life*1	≥6000						
Communication	CAN, RS485						
Display	HV2600: LED*2, BMS BOX HV: LED*6						
Scalability	Max. 8 Modules in Series						
Installation Location	Indoor (Stand)						
Operating Temperature [°C]*2	Charge: 0 ~ 50 Discharge: -10 ~ 50						
Storage Temperature [°C]	-20 ~ 50						
Cooling method	Natural Convection						
Humidity [%]	5 ~ 85 (No Condensing)						
Altitude [m]	Max. 2,000						
Dimensions (W*H*D) [mm] [BMS BOX HV]	420*116*480						
Weight [kg] [BMS BOX HV]	4.5						
Dimensions (W*H*D) [mm] [HV2600]*3	420*116*480						
Weight [kg] [HV2600]*3	29.7±1						
Safety	IEC 62619						
EMC	EN IEC 61000-6-1/2/3/4						
Transportation	UN38.3						
Ingress Protection	IP21						
*1, 25°C, @90% DOD, 0.5C charging/discharging.							
*2, Charge derating will occur between 0°C and +15°C.							
*3, Bare weight and dimensions for 1 pcs HV2600, excluding cables and brackets							

HowD Innovations Pvt Ltd.

22, Shantimangal, RS NO. 91/2/2, TP 32, Nr. Hotplate Hotel & Gota Bridge, Gota, S.G. Highway, Ahmedabad- 382 481
(+91) 89800 16948 / (+91) 95104 20676.

info@howd.in